

Form PTO-1449

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

*Complete if Known*

Sheet	1	of	1	Application Number	09/991,253
				Filing Date	November 21, 2001
				First Named Inventor	Sugio MIYAZAWA
				Art Unit	2879
				Examiner Name	M. Day
				Confirmation No.	3003
				Attorney Docket No.	939_033

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
AN	AA	5,635,794	6/3/1997	Koerfer			

U.S. COPENDING APPLICATIONS

Exam. Initial		Application Number	Our Docket No.	Filing Date	Inventor Name	Class	Sub Class
AN	AB	10/057,005	939_031	10/29/2001	Miyazawa, Sugio		
AN	AC	10/057,801	939_032	10/29/2001	Miyazawa, Sugio		

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
AN	AD	10-247,476	9/14/1998	JP				Abstract only
AN	AE	60-020,446	2/1/1985	JP				Abstract only
AN	AF	1 360 340	7/17/1974	GB			✓	
AN	AG	0 722 183 A2	7/17/1996	EP			✓	
AN	AH	0 284 576 A2	9/28/1988	EP			✓	
AN	AI	0 220 633	5/6/1987	EP			✓	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

Examiner:	M. Day	Date Considered:	12/13/02
-----------	--------	------------------	----------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Completely Known Application Number: 09/991,253 Filing Date: November 21, 2001 First Named Inventor: Sugio MIYAZAWA Art Unit: 2879 Examiner Name: Confirmation No.: 3003 Attorney Docket No.: 939 033	
Sheet	1	of	1		

U.S. PATENT DOCUMENTS

Exam. Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
BB	4,799,601	1/24/1989	Shimai et al.	220	21R	4/11/1983

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation	Abstract

OTHER DOCUMENTS
 (Including Author, Title, Date, Pertinent Pages etc.)

Examiner: M. Dey	Date Considered: 12/13/02
------------------	---------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#6

Form PTO-1449			Complete by known		
US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			Application Number	09/991,253	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT MAY 06 2002 (use as many sheets as necessary)			Filing Date	November 21, 2001	
			First Named Inventor	Sugio MIYAZAWA	
			Art Unit	2879	
			Examiner Name	M. Day	
			Confirmation No.	3003	
Sheet	1	of	1	Attorney Docket No.	939_033

U.S. PATENT DOCUMENTS

Exam Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
K.G	AJ	4,387,067	6/7/1983	Kobayashi et al.			
K.G	AK	3,243,635	3/29/1966	Louden et al.			
K.G	AL	3,832,590	8/27/1974	Yamazaki et al.			
K.G	AM	4,625,149	11/25/1986	Danno et al.			
K.G	AN	4,629,593	12/16/1986	Groh et al.			
K.G	AO	3,875,277	4/1/1975	Bratton et al.			
K.G	AP	5,635,794	6/3/1997	Koerfer			

FOREIGN PATENT DOCUMENTS

I		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
K.G	AQ	0 991 108 A2	4/5/2000	Europe	H01J	61/36	X	
K.G	AR	0 954 010 A1	11/3/1999	Europe	H01J	61/36	Y	
K.G	AS	0 667 322 A1	8/16/1995	Europe	C04B	35/00	X	
K.G	AT	1 360 340 A	7/17/1974	GB	B28B	21/00	X	
K.G	AU	0 722 183 A	7/17/1996	Europe	H01J	61/28	X	
K.G	AV	0 284 576 A	9/28/1988	Europe	H01J	61/32	X	
K.G	AW	0 220 633 A	5/6/1987	Europe	H01J	61/30	X	

OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages etc.)

MW	AX	Patent Abstracts of Japan. vol. 008, no. 095 (E-242), May 2, 1984 & JP 59 014245 A (Nihon Gaishi KK), January 25, 1984 *abstract*
chw	AY	Patent Abstracts of Japan. vol. 1999, no. 10, August 31, 1999 & JP 11 135064 A (NGK Insulators Ltd.), May 21, 1999 *abstract*
MW	AZ	Patent Abstracts of Japan. vol. 009, no. 136 (E-320), June 12, 1985 & JP 60 020446 A (Mitsubishi Denki KK), February 1, 1985 *abstract*
MW	BA	Patent Abstracts of Japan. vol. 1998, no. 14, December 31, 1998 & JP 10 247476 A (Toshiba Lighting & AMP; Technol Corp), September 14, 1998 *abstract*

Examiner:	M. Day / K.G 7/29/03	Date Considered:	12/13/02
-----------	----------------------	------------------	----------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.